ENDPOINT ADDRESS CHANGE IN A PACKET NETWORK
ABSTRACT OF THE DISCLOSURE

A seamless transport endpoint mobility (STEM) architecture migrates a transport connection endpoint from an old IP address to a new IP address without loss of the

5   session. The migration process is negotiated between two endpoints themselves. Transport endpoint mobility includes communication between two STEM daemons, one STEM daemon in each endpoint, which dynamically updates kernel data structures (e.g., elements of a 5-tuple associated with a TCP/IP application) associated with the session. Migration is transparent to the application using the underlying transport connection for

10   data transfer.